What is claimed is:

1. A substantially purified polypeptide comprising an amino acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:3, or fragments thereof.

2. A substantially purified variant having at least 90% amino acid sequence identity to the sequence of claim 1.

~~3. An isolated and purified polynucleotide encoding the polypeptide of claim 1.~~

4. An isolated and purified polynucleotide variant having at least 90% polynucleotide sequence identity to the polynucleotide of claim 3.

5. An isolated and purified polynucleotide which hybridizes under stringent conditions to the polynucleotide of claim 3.

~~6. An isolated and purified polynucleotide which is complementary to the polynucleotide of claim 3.~~

7. An isolated and purified polynucleotide comprising a polynucleotide sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:4, or fragments thereof.

8. An isolated and purified polynucleotide variant having at least 90% polynucleotide sequence identity to the polynucleotide of claim 7.

9. An isolated and purified polynucleotide having a sequence complementary to the polynucleotide of claim 7.

10. An expression vector comprising at least a fragment of the polynucleotide of claim 3.

11. A host cell comprising the expression vector of claim 10.

12. A method for producing a polypeptide comprising the amino acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:3, or fragments thereof, the method comprising the steps of:

(a) culturing the host cell of claim 11 under conditions suitable for the expression of the polypeptide; and

(b) recovering the polypeptide from the host cell culture.

13. A pharmaceutical composition comprising the polypeptide of claim 1 in conjunction with a suitable pharmaceutical carrier.

14. A purified antibody which specifically binds to the polypeptide of claim 1.

15. A purified agonist of the polypeptide of claim 1.

16. A purified antagonist of the polypeptide of claim 1.

17. A method for treating or preventing a neoplastic disorder, the method comprising administering to a subject in need of such treatment an effective amount of the antagonist of claim 16.

18. A method for treating or preventing a reproductive disorder, the method comprising administering to a subject in need of such treatment an effective amount of the antagonist of claim 16.

19. A method for detecting a polynucleotide encoding the polypeptide comprising the amino acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:3, or fragments thereof in a biological sample containing nucleic acids, the method comprising the steps of:

(a) hybridizing the polynucleotide of claim 6 to at least one of the nucleic acids of the biological sample, thereby forming a hybridization complex; and

(b) detecting the hybridization complex, wherein the presence of the hybridization complex correlates with the presence of a polynucleotide encoding the polypeptide in the biological sample.

20. The method of claim 19 wherein the nucleic acids of the biological sample are amplified by the polymerase chain reaction prior to the hybridizing step.

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